

SYSTEM AND METHOD FOR COMPENSATING FOR DARK CURRENT
IN PHOTOSENSITIVE DEVICES

ABSTRACT OF THE DISCLOSURE

A method is used to perform dark current compensation in a sensor (e.g., a CCD or CMOS sensor). A first and second array of devices (e.g., pixels) in the sensor are used to determine a first dark current value. The first array of pixels in the sensor receives impinging light and generates optical energy values therefrom. The second array of pixels in the sensor are used to determine a second dark current value at substantially a same time as the generating of the optical energy values. The second array of devices being non-sensitive to the impinging light. The first and second dark current values are used to compensate the optical energy values.

155757.1